

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0455590002**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit Jr.™ Receptacle Housing, Dual Row, Custom for PCI Express\* High-end Graphics Add-In Card Applications Only

**Documents:**

[3D Model](#) [Packaging Specification PK-5557-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45558-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

Product Family Crimp Housings  
Series 45559  
Application Power, Wire-to-Board, Wire-to-Wire  
Comments \* PCI Express is a registered trademark of PCISIG  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Product Name Mini-Fit Jr.™  
UPC 822348196876

**Physical**

Circuits (maximum) 6  
Color - Resin Black  
Flammability 94V-0  
Gender Receptacle  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Resin Nylon  
Net Weight 1.400/g  
Number of Rows 2  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface 4.20mm  
Polarized to Mating Part Yes  
Stackable No  
Temperature Range - Operating -40°C to +105°C

**Electrical**

Current - Maximum per Contact 9.0A

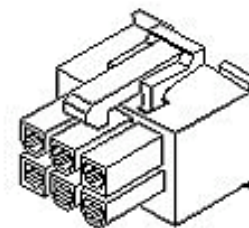
**Solder Process Data**

Lead-freeProcess Capability N/A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-5557-003  
Product Specification PS-45558-001  
Sales Drawing SD-45559-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

45559 Series

**Mates With**

45558 , 45718

**Use With**

5556